

# PATENT ABSTRACTS OF JAPAN

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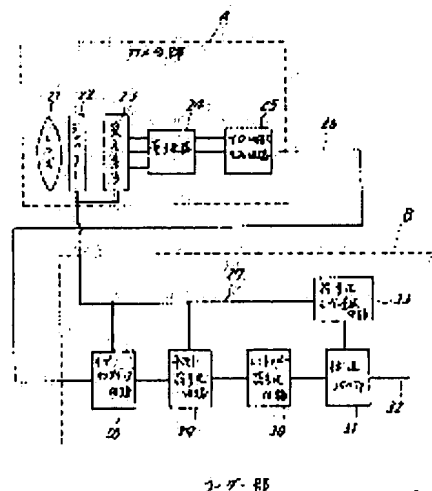
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## (54) HIGH EFFICIENCY MOVING PICTURE ENCODING DEVICE

### (57)Abstract:

**PURPOSE:** To make a high-speed operation needless, to reduce the scale of a hardware and to contrive to simplify a circuit by providing a shutter which executes frame skipping in light area in front of a photodetecting element and an output signal generation circuit generating a component signal of the picture necessary for encoding a moving picture or the time base multiplex signal to constitute a camera part.

**CONSTITUTION:** the shutter 22 prevents the light through a lense 21 from being photodetected in the photodetecting element 23 according to a frame skipping control signal 27 transmitted from outside. The information of the component signal obtained from the photodetecting element 23 is transmitted to a quantizer 24 and a time multiplex (TDM) signal generation circuit 25 generates the TDM signal of the component signal transmitted from the quantizer 24. The TDM signal 26 is transmitted from the circuits 21~25 built-in the camera part A. Since frame skipping is executed with the shutter 22 in the light are, useless operation is made needless to the frame where frame skipping should be executed. And an operator has only to execute the read of the picture element value from the photodetecting element 23 till the next encoding frame, so that the high-speed operation can be made needless.



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